

WHAT IS CLAIMED IS:

1. A computer-based interactive medical training  
system comprising a case study presented in a computerized  
5 display in a virtual patient chart format for a patient  
exhibiting a given medical condition, wherein the virtual  
patient chart format simulates realistic aspects of a  
patient chart of medical records.

10 2. The computer-based interactive medical training  
system of Claim 1, wherein the virtual patient chart  
further comprises diagnostic reports of a plurality of  
diagnostic imaging modalities.

15 3. The computer-based interactive medical training  
system of Claim 2, wherein the diagnostic reports further  
comprise diagnostic reports on the given medical  
condition.

20 4. The computer-based interactive medical training  
system of Claim 2, wherein the diagnostic reports further  
comprise diagnostic images from the plurality of  
diagnostic imaging modalities.

25 5. The computer-based interactive medical training  
system of Claim 2, wherein the diagnostic reports further  
comprise instruction that a given diagnostic modality is  
not appropriate or deemed necessary to diagnose the given  
medical condition.

30 6. The computer-based interactive medical training  
system of Claim 1, wherein the virtual patient chart  
further comprises general medical information on the given  
medical condition.

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7. The computer-based interactive medical training system of Claim 6, wherein the general medical information further comprises one or more of typical findings for a given pathology, signs, symptoms, treatment and prognosis  
5 for the given medical condition.

8. The computer-based interactive medical training system of Claim 1, wherein the virtual patient chart further comprises at least one of laboratory reports and  
10 pathology specimen pictures.

9. The computer-based interactive medical training system of Claim 1, further comprising a test on the comprehension or application of the information of the  
15 virtual patient chart.

10. The computer-based interactive medical training system of Claim 9, wherein the test comprises a test which may be taken following review of some or all of the  
20 material of the virtual patient chart.

11. The computer-based interactive medical training system of Claim 9, wherein the virtual patient chart is presented by a computer, and wherein the test is scored by  
25 the computer presenting the patient chart.

12. The computer-based interactive medical training system of Claim 9, wherein the virtual patient chart is presented by a computer, and wherein the test is scored by  
30 a computer connected to the computer presenting the patient chart.

13. A computer-based interactive medical training system comprising a tutorial presented in a computerized  
35 display, the tutorial presenting one or more teaching

segments of medical information which contain an animation illustrating the medical information being taught.

5           14. The computer-based interactive medical training system of Claim 13, wherein a teaching segment further comprises a textual passage describing the medical information and an animation illustrating the medical information.

10           15. The computer-based interactive medical training system of Claim 14, wherein the animation comprises an animated graphic.

15           16. The computer-based interactive medical training system of Claim 14, wherein the animation comprises a moving picture.

20           17. The computer-based interactive medical training system of Claim 14, wherein the textual passage and the animation can be seen on a computer screen without scrolling.

25           18. The computer-based interactive medical training system of Claim 13, wherein a teaching segment further comprises a quiz of the medical information taught in the segment.

30           19. The computer-based interactive medical training system of Claim 18, wherein the number of teaching segments is two or more.

35           20. The computer-based interactive medical training system of Claim 18, wherein the quiz further comprises a graphic with which a student interacts to demonstrate knowledge of the medical information.

5           22. The computer-based interactive medical training system of Claim 13, wherein the medical information comprises a clinical application of medical diagnostic imaging.

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